

# Hull & Goole Port Health Authority



## ANNUAL REPORT

OF THE


### Port Medical Officer

FOR

### 1972

ALEXANDER HUTCHISON,

*Port Medical Officer*



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Hull & Goole Port Health Authority

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ALEXANDER HUTCHISON,

*Port Medical Officer*





9 PIER STREET,  
HULL.

April, 1973

*To the Chairman and Members of the  
Hull and Goole Port Health Authority.*

GENTLEMEN,

I have pleasure in presenting my report as Port Medical Officer of Health for the year ended 31st December, 1972, which has been prepared as in previous years in accordance with the revised Form Port 20 of the Department of Health and Social Security.

On 9th October, 1972 the Authority suffered a loss by the death of Councillor W. Hobden, Chairman of the Authority. He became a member of the Authority in 1953 and was first appointed Chairman in 1955, a position he held at the time of his death. He took a keen interest in all the varied aspects of the Authority's work and served for a number of years as a representative member of the Association of Sea and Air Port Health Authorities.

There has been an increase in the number and tonnage of vessels entering the port health district.

Structural defects and dirty and other conditions prejudicial to health continued to be noted on British and foreign-owned vessels but in nearly all cases the conditions were remedied during the stay of the vessels in port.

The issue of deratting and deratting exemption certificates showed a decrease during the year ; 506 were issued in 1972 and 544 in 1971.

All the staff have continued to work conscientiously and efficiently during the year.

I again thank H.M. Collector of Customs and Excise and his staff, H.M. Chief Immigration Officers and their staff, the Pilots, Docks Masters, Owners and Agents and the numerous other bodies connected with shipping in the district, for their continued co-operation during the year.

I should like to take this opportunity to thank the Chairman, Councillor J. W. Smith, J.P. and Members of the Authority for their keen interest in all matters concerning the administration and for their courtesy to me at all times.

I am,

Your obedient servant,

ALEXANDER HUTCHISON

*Port Medical Officer*



HULL AND GOOLE PORT HEALTH AUTHORITY

Constituted by an Order of the Local Government Board, dated 11th June, 1887

Members elected by the Corporation of Kingston upon Hull

COUNCILLOR W. HOBDEN (Chairman)  
to 9th October, 1972

COUNCILLOR J. W. SMITH, J.P. (Chairman)  
from 5th January, 1973

ALDERMAN G. E. FOX

Members elected by the Goole Borough Council

ALDERMAN F. ATKINSON, O.B.E., J.P. (Deputy Chairman)  
ALDERMAN J. T. DANIELS

STAFF—TABLE A

<i>Name of Officer and qualifications</i>	<i>Name of Appointment</i>	<i>Date of Appointment to staff</i>	<i>Any other Appointments held</i>
Alexander Hutchison, O.B.E., M.D. PH.D., F.R.C.P., (Glas) F.R.F.P.S.G., D.P.H., D.P.A., Hon. F.A.P.H.A., Hon.F.R.S.H., Hon. M.A.M.A.	Port Medical Officer of Health and Medical Inspector of Aliens	1st January, 1953	Director of Environmental Services, Medical Officer of Health and Principal School Medical Officer, Corporation of Kingston upon Hull
J. Haydon W. Glen, LL.B.	Clerk	11th November, 1957	Chief Executive Officer and Town Clerk, Corporation of Kingston upon Hull
G. E. Atkinson, F.I.M.T.A., D.P.A.	Treasurer	8th December, 1961	Deputy Chief Executive Officer and City Treasurer, Corporation of Kingston upon Hull
J. M. Dunlop, M.A., M.B., B.Ch., B.A.O., D. Obst., R.C.O.G., D.P.H., D.P.A.	Deputy Port Medical Officer of Health and Medical Inspector of Aliens-occasional duty	15th January, 1971	Deputy Medical Officer, Corporation of Kingston upon Hull



J. D. Mundy, L.R.C.P. and S.I., L.M., D.C.H., D.P.H.	Medical Officer and Medical In- spector of Aliens—occasional duty	25th November, 1968	Senior Medical Officer, Corporation of Kingston upon Hull
R. A. Haward, M.B., Ch.B., D.P.H.,	Medical Officer and Medical In- spector of Aliens—occasional duty	29th September, 1969	Senior Medical Officer, Corporation of Kingston upon Hull
S. Klinger, M.D., Vienna	Medical Officer and Medical In- spector of Aliens—occasional duty	21st July, 1952	Medical Officer in Department, Corpora- tion of Kingston upon Hull
J. Raut, M.B., B.S., M.S., F.R.C.S.	Medical Officer and Medical In- spector of Aliens—occasional duty	28th September, 1971	Medical Officer in Department, Corpora- tion of Kingston upon Hull
A. K. Pal., B.Sc, M.B., B.S., D.P.H.	Medical Officer and Medical In- spector—occasional duty	7th February, 1972	Medical Officer in Department, Corpora- tion of Kingston upon Hull
R. A. Ali, M.B., B.S.	Medical Officer and Medical In- spector of Aliens—occasional duty	1st December, 1972	Medical Officer in Department, Hull Corporation of Kingston upon Hull
S. Richhariya, M.B., B.S., D.R.C.O.G.	Medical Officer and Medical In- spector of Aliens—occasional duty	6th June, 1972	Medical Officer in Department, Hull Corporation of Kingston upon Hull
Muriel J. Lowe, M.B., B.S., D.P.H., D.C.H.	Deputy Port Medical Officer of Health at Goole	6th November, 1972	Medical Officer in Department, Cor- poration of Kingston upon Hull.
R. T. Hunter, B.Sc., F.R.I.C.	Port Analyst	27th July, 1970	Divisional Medical Officer and School Medical Officer ; Goole Borough, Goole Rural, Selby Urban and Selby Rural Authorities.
†G. Wallace	Senior Port Health Inspector	1st February, 1962	Public Analyst, Corporation of Kingston upon Hull
T. A. K. Williams	Deputy Senior Port Health Inspector	10th October, 1938	_____
G. Lister	Port Health Inspector	14th December, 1957	_____
		1st May, 1970	_____

STAFF—TABLE A—*continued*

<i>Name of Officer and qualifications</i>	<i>Nature of Appointment</i>	<i>Date of Appointment to Staff</i>	<i>Any other Appointments held</i>
G. M. Christie	Port Health Inspector	1st July, 1970	—
L. Dettman	Port Health Inspector	3rd September, 1968	—
T. M. Prowse	Pupil Port Health Inspector	4th Sept. 1972	—
L. R. Gourd	Chief Food Inspector at Hull	9th June, 1947— 13th July, 1972	Chief Food Inspector, Corporation of Kingston upon Hull (to 13th July, 1972)
R. Kaye	Food Inspector at Hull	14th December, 1970	Senior Food Inspector, Corporation of Kingston upon Hull
L. Booth	Food Inspector at Hull	11th March, 1952	Assistant Senior Food Inspector, Corporation of Kingston upon Hull
D. Edwards	Food Inspector at Hull	10th June, 1970	Food Inspector, Corporation of Kingston upon Hull
J. Coates	Food Inspector at Hull	1st June, 1971	Food Inspector, Corporation of Kingston upon Hull
S. Johnson	Senior Administrative Asst.	15th March, 1926	—
S. Broadbent	Administrative Assistant	24th March, 1930	—
J. Johnson	Clerk	26th July, 1971 2nd June, 1972	—
D. C. Wickens	Clerk	19th June, 1972	—
J. W. Warelow	Rodent Searcher	11th January, 1954	—
A. Dunn	Rodent Searcher	3rd January, 1966	—
† Qualified Master Mariner.			



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# REPORT

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## **JURISDICTION OF PORT**

There has been no alteration in the definition of the limits of jurisdiction of the Port Health Authority.

## **AMOUNT OF SHIPPING ENTERING THE DISTRICT DURING THE YEAR**

During 1972, 10,603 vessels entered the Ports of Hull and Goole with a total net tonnage of 7,078,447.

In the year under review 6 ships were dealt with on arrival by the medical officers of the Authority.

The port health inspectors visited 5,850 vessels on 125 of which sanitary defects were discovered, on 56 of these vessels the defects were remedied. In 1971 the figures were respectively 6,485, 154 and 61. Details of this work will be found in Table G page 30, and in Appendix 1, page 46, and Appendix IV, pages 50-53.

TABLE B

## HULL\*

Ships from	Number	Tonnage	Number inspected		Number of ships reported as having, or having had infectious disease on board
			By the Medical Officer of Health	By the Port Health Inspector	
<b>Foreign &amp; Coastwise Ports :</b>					
Steamers and motor vessels ....	*6,369	5,799,373	6	3,417	10
Fishing vessels ....	1,309	315,293	—	958	—
Total ....	7,678	6,114,666	6	4,375	10

\* Excluding Barton on Humber, but including River Trent Ports.

## GOOLE

Ships from	Number	Tonnage	Number inspected		Number of ship reported as having, or having had infectious disease on board
			By the Medical Officer of Health	By the Port Health Inspector	
<b>Foreign &amp; Coastwise Ports :</b>					
Steamers and motor vessels ....	*2,925	963,781	—	1,475	—
<b>Total from Foreign and Coastwise Ports—Hull and Goole ....</b>	10,603	7,078,447	6	5,850	10

\* Including Selby and Howdendyke

Figures supplied by the British Transport Docks Board at Hull and Goole.

**CHARACTER OF SHIPPING AND TRADE DURING THE YEAR****TABLE C****PASSENGER TRAFFIC****HULL**

No. of Passengers	British	Aliens	Totals
Inwards .....	66,143	29,898	96,041
Outwards .....	66,566	26,904	93,470

Total Passengers, Inwards and Outwards ..... 189,511

**GOOLE**

No. of Passengers	British	Aliens	Totals
Inwards .....	34	256	290
Outwards .....	27	241	268

Total Passengers, Inwards and Outwards ..... 558

Figures for Table C were supplied by H.M. District Inspector (Home Office—Immigration Branch).

During the year 190,069 Alien and British passengers entered or departed from Ports of Hull and Goole as compared with 173,157 in 1971.

The number of Aliens entering the district showed a decrease when compared with the figure for 1971.

British passengers outwards increased by 8,980 when compared with the figure for 1971.

**CARGO TRAFFIC****HULL****IMPORTS :—**

Commodity	1972 Tonnes	1971 Tonnes
Cereals (including flour) .....	252,104	464,329
Fruit and Vegetables .....	85,502	85,709
Molasses and Sugar .....	74,071	123,386
Other Foodstuffs .....	382,921	298,812
Timber (including pitwood) .....	425,642	431,094
Iron Ore .....	277	218
Building Materials .....	142,475	111,352
Wool and Textile Fibres .....	26,404	22,312
Oilseeds and Nuts .....	83,325	166,058
Iron and Steel .....	120,236	99,014
Miscellaneous .....	1,193,882	1,140,653
	<hr/>	<hr/>
	2,786,839	2,942,937
Fish Landings .....	137,314	159,059
Petroleum .....	1,271,972	1,475,971
	<hr/>	<hr/>
Totals .....	4,196,125	4,577,967
	<hr/>	<hr/>

**EXPORTS :—**

Cereals (including flour) .....	8,739	16,254
Other Foodstuffs .....	116,621	64,220
Chemicals and Fertilisers .....	258,932	221,837
Iron and Steel .....	159,789	188,443
Machinery .....	104,044	113,372
Vehicles .....	64,090	70,231
Textiles .....	61,916	48,449
Building Materials .....	56,895	52,125
Miscellaneous .....	448,348	507,530
	<hr/>	<hr/>
Outward Cargo .....	1,279,374	1,282,461
Coal and Coke .....	563	8,318
Petroleum .....	211,037	239,629
Bunker Fuel—Coal and Coke .....	—	—
—Petroleum .....	241,329	237,818
	<hr/>	<hr/>
Totals .....	1,732,303	1,768,226
	<hr/>	<hr/>
TOTAL : IMPORTS and EXPORTS .....	5,928,428	6,346,193
	<hr/>	<hr/>



## GOOLE

## M PORTS :—

Commodity	1972 Tonnes	1971 Tonnes
Cereals and Grain .....	68,598	41,638
Dairy Products and Other Foodstuffs	61,904	64,017
Timber .....	87,154	77,960
Wood and Timber Manufactures	53,663	41,481
Wool Textiles and Fibres .....	10,226	8,109
Ores .....	23,208	10,324
Building Materials etc. ....	11,992	16,598
Petroleum and Products .....	4,172	4,732
Chemicals and Chemical Fertilisers	58,263	50,262
Iron and Steel (including scrap) .....	240,905	163,711
Machinery and Vehicles .....	28,219	9,200
Other commodities .....	7,363	10,517
Coal and Coke .....	28,280	—
Totals .....	683,947	498,549

## EXPORTS :—

Foodstuffs .....	10,842	30,718
Building Materials (including pitch)	18,435	34,494
Chemicals and Chemical Fertilisers	34,583	25,308
Textiles and Fabrics .....	8,997	7,656
Iron and Steel (including scrap) .....	81,723	53,081
Machinery .....	24,990	36,214
Vehicles .....	3,271	2,921
Other commodities .....	43,580	19,161
Totals .....	226,421	209,548
Coal, Coke and Patent Fuel .....	439,272	853,767
Totals .....	665,693	1,063,315
TOTAL IMPORTS AND EXPORTS .....	1,349,640	1,561,864

**INLAND BARGE TRAFFIC**  
**REPORT ON THE INSPECTION OF CANAL BOATS**

River and canal traffic is between Hull and Leeds, Bradford Halifax, Castleford, Sheffield, Thorne, Doncaster, Selby, Brighouse Barnsley, Wakefield, Goole, Selby, York, Newark, Nottingham and Gainsborough.

Number of inspections to Canal Boats	.....	.....	.....	294
Number of additional inspections made to ascertain if notices served and verbal cautions given had been complied with	.....	.....	.....	—
Total number of inspections	.....	.....	.....	294

**Contraventions and Defective Conditions**

Number of Canal Boats with contraventions	.....	.....	12
Number of contraventions	.....	.....	17
Number of contraventions remedied	.....	.....	4

**Infectious Diseases**

No notifications were received from medical practitioners of any case of infectious disease having occurred on canal boats in the district during the year.

**Legal Proceedings**

It has not been necessary during the year to institute legal proceedings.

**WATER SUPPLY**

**For the District**

Under Article 14, Part III, of the International Health Regulations, every port shall be provided with a supply of pure drinking water. At the Port of Hull drinking water is supplied by the Kingston upon Hull Corporation and at the Port of Goole by the Goole Borough.

**For Shipping**

Ships at Hull obtain their fresh water either direct from the hydrants on application to the dock authorities, or from privately owned water-boats. At Goole fresh water for shipping is supplied by water-boats.

## Reports on Tests for Contamination

### (a) CHEMICAL

No water samples were submitted to the Port Analyst during the year.

### (b) BACTERIOLOGICAL

A total of 50 samples from water-boats and ships were examined bacteriologically by the Director of the Public Health Laboratory Service ; one sample was reported to be unsatisfactory.

Instructions were given for the water in the tanks to be chlorinated prior to the tanks being emptied, cleansed and cement-washed. These orders were complied with.

Distribution aboard ships	No. ships involved	No. of samples taken	No. satis- factory	No. unsatis- factory	Total
Messrooms	*49	2	2	—	2
Galleys		11	11	—	11
Pantries		7	6	1	7
Cafeterias		2	2	—	2
Buffets		2	2	—	2
Cafeteria/pantry		1	1	—	1
Drinking fountain		1	1	—	1
† Tank hose connection		24	24	—	24
TOTALS	49	50	49	1	50
Storage aboard ships	Nil	—	—	—	Nil

\* includes 24 waterboats

† waterboats only

## Precautions against Contamination of Hydrants and Hosepipes

Vessels are supplied with fresh water from privately-owned water-boats or direct from hydrants on the quayside under the ownership of the British Transport Docks Board.

Samples are taken periodically from the water-boats and the hydrants, the latter with the consent and co-operation of the British Transport Docks Board.

Should any hydrant or equipment be found in an unsatisfactory condition the matter is reported to the British Transport Docks Board who take the necessary action.



## Number and Sanitary Condition of Water Boats and Powers of Control by the Authority

Docks	Number of Boats
Albert and William Wright	1
Alexandra       .....       .....	1
St. Andrew's Dock       .....	3
Goole       .....       .....	2

These boats are periodically cleansed and cement-washed and are kept under constant supervision by the Authority's Inspectors. Samples of drinking water are taken periodically and submitted to the Director of the Public Health Laboratory Service for bacteriological examination, and, if considered necessary, for chemical analysis by the Port Analyst.

Ships domestic water tanks are similarly sampled either as a result of complaints or as part of the normal duties.

Where adverse reports are received the appropriate action is taken under the provisions of Section 141, Part IV, of the Public Health Act, 1936.

The results of the examination of drinking water samples from British ships are reported, at his request, to the Provisions Inspector of the Department of Trade and Industry.

### PUBLIC HEALTH (SHIPS) REGULATIONS 1970

The Port Health Authority maintains a complete twenty-four hour service in order to ensure prompt clearance of incoming vessels under the provisions of the Regulations.

The "authorised officers" are on rota stand-by duty at home after office hours to receive news of the impending arrival of vessels requiring medical attention. They arrange for the attendance of the medical officer and accompany him to all vessels.

The medical staff also work on a rota duty basis and the officer on duty is available at any time of the day or night.

### RADIO MESSAGES—NO CHANGE

### NOTIFICATIONS OTHERWISE THAN BY RADIO—NO CHANGE

### MOORING STATIONS—NO CHANGE



## **HOSPITAL ACCOMMODATION FOR INFECTIOUS DISEASES (OTHER THAN SMALLPOX)**

All cases of infectious or suspected infectious disease can be admitted to the Castle Hill Hospital, Cottingham, E. Yorks.

## **SURVEILLANCE AND FOLLOW UP OF CONTACTS**

Daily visits are paid to ships on which infectious or suspected infectious disease has occurred.

When contacts leave a ship their names and the addresses to which they are proceeding are notified to the medical officer of health of the districts concerned. Prepared three-part combined warning notice and surveillance cards are issued in certain cases on which contacts are required to notify to this Authority any further change of address.

## **CLEANSING AND DISINFECTION OF SHIPS, PERSONS, CLOTHING AND OTHER ARTICLES**

All quarters on board ships that have been occupied by cases of infectious or suspected infectious disease are disinfected by or under the supervision of an officer of the Authority.

## **SMALLPOX**

All cases or suspected cases of smallpox may be sent to the Castle Hill Hospital, Cottingham, E. Yorks.

Ambulances for the removal of cases to hospital are provided at all times by the Kingston upon Hull Ambulance Service which is under the direction of the Medical Officer of Health for the City.

Vans are also available for the conveyance of bedding, etc., to and from the Corporation Disinfecting Station, Scarborough Street, Hull.

All ambulance staff and the staff of the Authority are subjected to periodical vaccination.

Dr. Alexander Hutchison, Medical Officer of Health of the City of Kingston upon Hull and of the Hull & Goole Port Health Authority, is the smallpox consultant for the district.

Specimens for laboratory diagnosis are forwarded to :—

The Virus Laboratory,  
Public Health Laboratory,  
Bridle Path,  
York Road,  
LEEDS, 15.

## VENEREAL DISEASE

Cases of Venereal Disease are treated at the Clinic, Mill Street Hull.

The times of attendances for seeing the doctor as are follows :—

Monday	.....	.....	.....	10 a.m. to 12 noon 5-0 p.m. to 6-0 p.m.
Tuesday	.....	.....	.....	10-0 a.m. to 12 noon 5-0 p.m. to 6-0 p.m.
Wednesday	.....	.....	.....	10-0 a.m. to 12 noon 5-0 p.m. to 7-0 p.m.
Thursday	.....	.....	.....	10-0 a.m. to 12 noon 5-0 p.m. to 6-0 p.m.
Friday	.....	.....	.....	10 a.m. to 12 noon 5-0 p.m. to 6-0 p.m.

A ' Notice to Seamen ' Card has been printed in fourteen languages, giving the address of the clinic and the times of attendance.

In-patients are treated at the Hull Royal Infirmary, Anlaby Road, Hull, and at the Kingston General Hospital, Beverley Road, Hull.

# **CASES OF NOTIFIABLE AND OTHER INFECTIOUS DISEASES ON SHIPS**

**TABLE D**

## **Cases landed from Ships from Foreign Ports**

Disease	Number of cases during the year		Number of ships concerned
	Passengers	Crew	
Upper respira- tory infection	—	1	1
Influenza	—	3	2
Pulmonary Tuberculosis	—	2	2
Infective hepatitis	—	1	1
Mumps	—	1	1
Rubella	—	1	1
Laryngo- tracheitis	—	1	1

## **Cases which have occurred on ships from Foreign Ports but have been disposed of prior to arrival**

Disease	Number of cases during the year		Number of ships concerned
	Passengers	Crew	
Gastro-enteritis .....	—	1	1

## **Cases landed from other Ships**

Disease	Number of cases during the year		Number of ships concerned
	Passengers	Crew	
—	—	—	—



On 17th January the m.v. "Akstank" from Rotterdam was boarded by reason of sickness on board. Two members of the crew were medically examined, one man was suffering from an allergic rash and the other was recovering from influenza. The master was advised to obtain medical treatment for the men, either here or on the ship's arrival at the next port of call, namely Antwerp.

On 9th May the m.v. "Nordkyn" from Amsterdam, bound for Flixborough was boarded by reason of sickness on board.

The master was examined and was believed to be suffering from infective hepatitis and arrangements were made by the agents for him to proceed to Germany to receive medical attention.

On 29th May the m.v. "Clan Macnab" from South Africa *via* Cadiz was boarded by reason of sickness on board. An Indian seaman was reported to be suffering from pulmonary tuberculosis and arrangements were made for him to see a consultant at Hull Royal Infirmary. He was later admitted to the Castle Hill Hospital, Cottingham and arrangements were made for the disinfection of the ship's hospital and for the bedding to be taken to the Scarborough Disinfecting Station.

On 8th August, a member of the crew of the German ship, m.v. "Langstedt" from Hamina was admitted to the Castle Hill Hospital, Cottingham, for observation.

He was found to be suffering from upper respiratory infection.

On 24th August the British ship m.v. "Corstream" from Rotterdam was boarded, a case of suspected gastro-enteritis having been landed while the vessel was at Spurn and taken to Hospital at Grimsby.

The remainder of the crew were all well.

Arrangements were made for the disinfection of the quarters occupied by the sick man and for a sample of drinking water to be taken for bacteriological examination.

On 28th September the m.v. "Norbrae" from Rotterdam was boarded by reason of sickness on board. A member of the crew was found to be suffering from Rubella—he was to return to his home for treatment and rejoin the vessel when recovered.

On 13th November a suspected case of pulmonary tuberculosis, subsequently confirmed, from the m.v. "Maihar" from Hamburg, was admitted to the Castle Hill Hospital, Cottingham. Arrangements were made for the attendance at the vessel of the X-ray unit and the bedding was taken to Scarborough Street, Disinfecting Station.

On 3rd December a member of the crew of the m.v. "Forestland" from Vancouver was admitted to the Castle Hill Hospital and was subsequently found to be suffering from laryngotracheitis. He was discharged on 7th December.

On 15th December information was received through Hull Radio that two men on board the m.v. " Basalt " from Amsterdam bound for Flixborough were believed to require hospital treatment. Arrangements were made for their admittance to the Castle Hill Hospital and an ambulance met the pilot cutter with the men on board at the Corporation Pier. They were later found to be suffering from influenza.

### **OBSERVATIONS ON THE OCCURRENCE OF MALARIA ON SHIPS**

No cases of malaria were reported to have occurred on ships arriving in the port health district during the year.

### **MEASURES TAKEN AGAINST SHIPS INFECTED WITH OR SUSPECTED FOR PLAGUE**

No ships, infected or suspected for plague, arrived in the port health district during the year.

### **MEASURES AGAINST RODENTS IN SHIPS FROM FOREIGN PORTS**

#### **Procedure for Inspection of Ships for Rats**

The Authority's Inspectors and Rodent Searchers inspect all ships from foreign ports for evidence of rat infestation as soon as possible after arrival.

Where evidence of recent infestation is found traps are laid and specimens trapped are submitted for bacteriological examination.

In 1972 traps were set on 70 ships and 11 rats were caught.

#### **Arrangements for the Bacteriological or Pathological Examination of Rodents**

A proportion of all rats trapped and all found dead, are submitted to the Director of the Public Health Laboratory Service, Hull Royal Infirmary, Hull for bacteriological examination. 2 rats were examined during the year, neither of which showed evidence of *Pasteurella pestis*. Details are given in Table E (page 28).

#### **Arrangements for deratting ships**

Five methods of rat destruction are approved, namely : (1) Fumigation by hydrogen cyanide ; (2) Fumigation by sulphur dioxide ; (3) Fumigation by methyl bromide ; (4) Trapping, and (5) Poisoning by sodium fluoroacetate. Details are given in Tables E and F. (pages 28 and 29).

In cases where ships may harbour plague-suspected rats and also in cases of heavy rat infestation it is insisted upon that deratting be carried out by fumigation with hydrogen cyanide. Where the infestation is slight or moderate deratting is permitted by fumigation with sulphur dioxide or poisoning by sodium fluoroacetate. Infestation of a minor nature can be dealt with by trapping.

There is a working arrangement with the Ministry of Agriculture, Fisheries and Food (Infestation Branch) whereby ships



being fumigated with methyl bromide may be granted a deratting certificate provided the operation is supervised by an Officer of the Authority.

Where deratting by fumigation or by sodium fluoroacetate is considered necessary the work is carried out by commercial contractors. The firms approved by the Authority for undertaking this work are as follows :—

(a) Websters Limited, incorporating  
R. W. Arro & Co., Ltd.  
New Cleveland Street,  
Hull.

(b) Rentokil Laboratories Ltd.  
Scott Street,  
Hull.

### **Progress in the rat-proofing of ships**

Inspections continue to show the incorporation of rat-proofing measures in the construction of new vessels and that rat harbourage of a permanent nature is kept down to a minimum. Wherever unprotected rat harbourage is found the Authority's officers advise on the most effective methods of eliminating the harbourage.

### **PREVENTION OF DAMAGE BY PESTS ACT 1949 PREVENTION OF DAMAGE BY PESTS (APPLICATION TO SHIPPING) ORDER 1951 and 1956**

No Rodent Control Certificates were issued during the year under the Prevention of Damage by Pests (Application to Shipping) Order 1951, made under the Prevention of Damage by Pests Act 1949.

**TABLE E**  
**RODENTS DESTROYED DURING THE YEAR**  
**IN SHIPS FROM FOREIGN PORTS**

Category	Number
Black Rats .....	11
Brown Rats .....	—
Species not known .....	—
Sent for examination .....	2
Infected with Plague .....	—

In addition 4 rats were found after treatment with sodium fluoroacetate and five mice were killed.

**TABLE F**  
**DERATTING CERTIFICATES AND DERATTING EXEMPTION CERTIFICATES ISSUED DURING THE YEAR**  
**FOR SHIPS FROM FOREIGN PORTS**

No. of Deratting Certificates issued				Total	Number of Deratting Exemption Certificates issued	Total Certificates issued
After Fumigation with		After trapping	After poisoning			
HCN	Other Fumigant (state method)					
—	—	—	1 (sodium fluoroacetate)	1	505	506

INSPECTION OF SHIPS FOR NUISANCES  
TABLE G  
INSPECTIONS AND NOTICES

Category of Nuisance and Number of Inspections	Number Found	Number Remedied	Notices Served		Result of Serving Notices
			Statutory Notices	Other Notices	
<b>British</b>					
Defects of original construction ....	7	—	—	—	—
Structural defects through wear and tear ....	63	56	—	3	1 ship remedied
Dirt, vermin and other conditions prejudicial to health ....	168	168	—		—
Defects arising from structural alterations ....	8	—	—	—	—
<b>Foreign</b>					
Defects of original construction ....	62	—	—	—	—
Structural defects through wear and tear ....	16	13	—	1	Not remedied
Dirt, vermin and other conditions prejudicial to health	78	77	—	1	Remedied
Defects arising from structural alterations ....	42	—	—	—	—
Totals	444	314	—	5	2 ships remedied

It should be noted that defects of original construction and those arising from structural alterations are not matters for correction by your officers and such defects when found on British ships are notified to the Department of Trade and Industry for their attention.



**\* ALIENS ORDER 1953 & Commonwealth Immigrants Act  
1962-68**

The Medical Inspectors of Aliens and Commonwealth Immigrants holding Certificates of Appointment at the 31st December, 1972 were as follows :—

1. DR. ALEXANDER HUTCHISON, Port Medical Officer of Health.
2. Dr. J. M. DUNLOP, Deputy Port Medical Officer of Health.
3. Dr. J. D. MUNDY, Senior Medical Officer, Hull C.B. (part-time Boarding Duty).
4. Dr. R. A. HAWARD, Senior Medical Officer, Hull C.B. (part-time Boarding Duty).
5. Dr. S. KLINGER, Medical Officer in Department, Hull C.B. (part-time Boarding Duty).
6. Dr. J. RAUT, Medical Officer in Department, Hull C.B. (part-time Boarding Duty).
7. Dr. A. K. PAL, Medical Officer in Department, Hull C.B. (part-time Boarding Duty).
8. Dr. R. A. ALI, Medical Officer in Department, Hull C.B. (part-time Boarding Duty).
9. Dr. S. RICHHARIYA, Medical Officer in Department, Hull C.B. (part-time Boarding Duty).

**OTHER STAFF**

At the present time four Inspectorial and two Clerical Staff are engaged on this work.

**ORGANISATION OF WORK**

After office hours the expected time of arrival of ships carrying Alien and Commonwealth passengers is obtained by the authorised officer on duty who arranges for the attendance of the medical inspector when required, and accompanies him to the vessel or to the passenger terminal.

\* The Immigration Act 1971, which came into operation on 1st January, 1973, replaces all previous legislation governing the immigration both of aliens and of Commonwealth citizens by a single code of permanent legislation governing immigration control.

MEDICAL EXAMINATION OF ALIENS

during the year ended 31st December, 1972

*1. Number of arriving ships carrying alien passengers	—
2. Total number of arriving aliens (excluding crews)	29,898
3. Total number of aliens medically examined .....	2
4. Reports and certificates for aliens medically examined .....	2

\* Figures not available.

Medical examination of aliens is carried out at the Passenger Terminal, King George Dock, Hull.

Nature of Report or Certificate		Total number of reports and certificates issued	Aliens <b>Not Permitted</b> to land
A	Unsound mind or mentally defective	1	1
B (1)	Undesirable for medical reasons	1	1
B (2)	(a) Inability to support	Nil	—
	(b) Likely to require medical treatment	Nil	—
	(c) Inability to support <b>and</b> likely to require medical treatment	Nil	—
C	Conditionally landed for further medical examination	Nil	—
Totals		2	2



**MEDICAL EXAMINATION OF COMMONWEALTH IMMIGRANTS**  
**during the year ended 31st December, 1972**

1.	Total number of arriving Commonwealth citizens subject to control under the Act	.....	.....	.....	456
2.	Total number of Commonwealth citizens medically examined	.....	.....	.....	4
3.	Total number landed conditionally	.....	.....	.....	Nil
4.	Reports and Certificates for Commonwealth citizens medically examined :—	.....	.....	.....	Nil

**MISCELLANEOUS**

**ARRANGEMENTS FOR THE BURIAL ON SHORE OF PERSONS  
WHO HAVE DIED FROM INFECTIOUS DISEASE**

There is a crematorium in Hull and the Authority would strongly recommend the cremation of any person who had died on board ship from an infectious disease.

**CLEAN AIR ACT 1956**

During the year smoke observations were carried out on 19 vessels and in all instances verbal warnings were given.

No vessels were found to contravene Section I of the Act.

**DANGEROUS DRUGS (No. 2) REGULATIONS, 1964**

During the year an application was received from a local firm of shipping chemists for a certificate authorising the purchase of scheduled drugs for a foreign-owned vessel in accordance with the provisions of the above Regulations.

The vessel concerned was visited by an Inspector of the Authority to verify the necessity for the drugs.

## **CERTIFICATES OF HEALTH**

During the year four certificates of health were issued to an Edinburgh firm to the effect that there were no epidemics of cholera, typhus, plague or smallpox existing in the ports of Hull and Goole and also that the ports were free from foot and mouth disease. The certificates were issued in respect of consignments of rags for shipment to Bilbao, Spain.

Three certificates of health were also issued to a local firm in respect of consignments of milk powder to Split (Yugo-slavia).

## **INSTRUCTION IN PORT HEALTH WORK**

During the year a doctor from Japan, a veterinary officer from Sweden and two other public health personnel received instruction from the staff on the administrative and practical aspects of port health work.

Public health students on the staff of the Kingston upon Hull Corporation, as part of their curriculum, accompanied the port health inspectors in the course of their duties.

**FOOD INSPECTION****HULL****The Imported Food Regulations 1968**

Number of packages of foodstuffs landed	.....	.....	17,857,604
Number of detention notes issued by Port Medical Officer	.....	.....	7

**PARTICULARS OF IMPORTED MEAT AND MEAT PRODUCTS LANDED**

<i>Description</i>	<i>Quantity</i>
Canned Meat	1,736,390 packages
Bacon	281,762 „
Sausage	124,881 „
Lard	109,866 „
	113 containers
Offal	72,973 packages
Premier Jus	57,190 „
Beef	23,132 „
Fat	12,125 „
Hams	7,680 „
Casings	153 „
Lamb	89,409 „
Meat	83,896 „
Dripping	12,000 „
Mutton	1,841 „
Pork	1,483 „
Veal	138 „

**OTHER FOODSTUFFS LANDED**

<i>Description</i>	<i>Quantity</i>
Vegetables, fresh, frozen, tinned and preserved	1,985,817 packages
Cheese	278,222 „
Butter	1,085,526 „
Confectionery	208,779 „
	and 1 trailer
Tea	118,958 „
Fruit, fresh, tinned and dried	8,135,229 „
Poultry	75,139 packages
Fruit Juice	131,711 „
Beer and Lager	1,282,299 packages, kegs and tanks
Cream	166,921 packages and 1 container

<i>Description</i>	<i>Quantity</i>
Fish, including shellfish .....	373,636 packages
Crispbread .....	369,294 „
Ground nuts, coconuts, brazil nuts, etc.....	197,528 „
Cocoa Butter .....	81,167 „
Jam and Marmalade .....	143,183 „
Wine, Spirits and Liqueurs .....	46,085 „
Sugar .....	56,325 „
Milk Powder .....	15,290 „
Eggs .....	3,842 „
Rice .....	20,397 „
Tapioca .....	25,925 „
Rice Bran .....	30,000 „
Sago Flour .....	5,600 „
Frozen Corn .....	4,853 „
Maize Flour .....	1 Container
Cocoa Beans .....	21,973 packages
Coffee .....	27,936 packages
Egg White .....	10,400 „
Farina .....	15,990 „
Castor Seeds .....	3,850 „
Desiccated Coconut .....	3,870 „
Mayonnaise .....	5,100 „
Cucumber Salad .....	8,000 „
Honey .....	1,195 „
Tomato Paste and Spread .....	2,024 „
Mustard, Pickles and Vinegar .....	2,827 „
Miscellaneous foodstuffs, including Chinese food .....	156,186 „ and 1 container

### FOODSTUFFS INSPECTED—EX BRITISH RAIL

515 wagons of assorted fruit and vegetables and foodstuffs.

### FOODSTUFFS FOUND TO BE UNFIT

<i>Description</i>	<i>Tons</i>	<i>cwts.</i>	<i>qrs.</i>	<i>lb.</i>
Meat Products .....	1	16	—	14 <sup>3</sup> / <sub>4</sub>
Fruit .....	13	—	2	8
Vegetables .....	1	15	2	21
Butter .....	—	1	3	1
Cheese .....	—	1	—	16
Eggs .....	—	—	—	9
Dried Mushrooms .....	—	—	1	11
Sauce .....	—	—	1	4
Pilchards in Tomato .....	—	4	—	4
Fish Lips .....	—	4	—	—
Confectionery .....	—	—	—	7
Fruit Juice .....	—	3	2	14
Total	17	7	2	25 <sup>3</sup> / <sub>4</sub>



## **DETENTIONS**

12 tierces of casings—no “official certificate” or illegible “official certificates”—released after investigation.

A consignment of Chinese fish products was found to be infested with insects and larvae of leather beetles. The consignment was to be fumigated before being destroyed or was to be returned to the country of origin.

100 cartons of dates—insect infested—consignment destroyed.

A container of meat not for human consumption was not locked or labelled. It was released after being locked and labelled according to the Meat Sterilization Regulations 1969.

A container of ship's stores was landed at King George Dock for transport across the country to Preston to join a vessel there.

Upon examination a quantity of fresh meat without the necessary Diseases of Animals Act licences and “official certificates” and canned meat products without the “official certificates,” was unloaded from the container and exported. A quantity of unfit food was also returned. The container was then allowed to proceed to Preston.

The work was done in co-operation with the Diseases of Animals Inspector.

## **THE MEAT (STERILIZATION) REGULATIONS, 1969**

In accordance with the above Regulations 184,621 cartons of inedible meat from New Zealand were imported through the Port of Hull and were found to comply with the Regulations, with the exception of one container which, after being locked and labelled, was released.

## **SHELLFISH BEDS**

There are no shellfish beds within the jurisdiction of the Authority. No action therefore was taken under the Public Health (Shellfish) Regulations 1934 and 1948 or under the Food and Drugs Act 1955.

## **PUBLIC HEALTH (IMPORTED MILK) REGULATIONS 1926**

No action was taken under the above Regulations during the year.

## **FOOD AND DRUGS ACT 1955**

During the year 260 samples of foodstuffs were taken for chemical analysis and 89 for bacteriological examination under the above Act.



**FOOD INSPECTION****GOOLE****The Imported Food Regulations 1968**

Number of packages of foodstuff's landed	.....	.....	1,329,293
Number of Detention Notes issued by Port Medical Officer	.....	.....	1

This work is carried out by the Authority's permanent Port Health Inspectors who are engaged daily on the inspection of imported foodstuffs.

**PARTICULARS OF IMPORTED MEAT AND MEAT PRODUCTS LANDED**

<i>Description</i>	<i>Quantity</i>
Canned Meat	2,940 packages
Sheep Casings	24 casks

**OTHER FOODSTUFFS LANDED**

<i>Description</i>	<i>Quantity</i>
Poultry, canned	11,425 packages
Sugar	844,326 bags and cartons
Butter	13,987 packages
Cheese	138,599 „
Fish, including shellfish	27,765 „
Beer and Lager	225547 packages, kegs and tanks
Vegetables, fresh, frozen, tinned and preserved	153,944 packages
Fruit, fresh, tinned and dried	90,253 „
Confectionery	5,717 „
Farina	16,300 „
Cod Liver Oil	232 drums
Miscellaneous foodstuffs	1,234 packages

**FOODSTUFFS FOUND TO BE UNFIT**

<i>Description</i>	<i>Quantity</i>		
	<i>cwts.</i>	<i>qrs.</i>	<i>lb.</i>
Cockles	14	5	17
Elk Emulsifier	—	4	8
Cheese	—	—	14
Confectionery	—	—	10
Boned Chicken, tinned	—	—	2 $\frac{3}{4}$
Total	16	2	23 $\frac{3}{4}$

## **FOOD AND DRUGS ACT, 1955**

During the year 43 samples of foodstuffs were taken for chemical analysis and 3 for bacteriological examination under the above Act.

### **THE FOOD HYGIENE (DOCKS, CARRIERS, ETC.) REGULATIONS 1960**

No action was taken during the year under the above Regulations ; all foodstuffs landed at Goole are packed or otherwise protected against the risk of contamination.

### **DETENTIONS**

Six barrels of sheep's casings without " official certificates "—returned to country of origin.

### **THE FOOD HYGIENE (GENERAL) REGULATIONS 1960-62**

In accordance with the above Regulations regular visits were paid by the Authority's officers to the home-going vessels in the district.

No complaints were received and the vessels were found to comply with the requirements of the Regulations.

### **REPORT OF THE PORT ANALYST**

303 samples (as compared with 214 in 1971) were submitted for chemical examination of which 35 (21, 1971) received adverse reports.

Further details are as follows :—

#### **Food Additives**

Fruit Dried, Apricots—These dried apricot halves contained 2,700 parts per million of sulphite preservative as compared with the 2,000 parts (maximum) permitted by the Preservatives in Food Regulations, 1962.

Vegetable (Cauliflower) in brine . . . This was the only sample of this commodity submitted during the year. 275 parts per million of sulphite preservative were present. The Preservative Regulations require the article to be accompanied by a document bearing an accurate statement of the description and maximum amount of preservative present.

Sweets—Peppermint Imperials—The non permitted (in UK) colour, Patent Blue V, was present.

## **FOODS CONTAINING EXTRANEEOUS MATERIAL**

Tomato Paste—6 Tomato products were examined during the year. 1 had a 'Howard Mould Count' of 70, a figure which indicates that an excessive number of mould contaminated tomatoes had been used in its preparation.

Bean Curd—This article was imported from the Orient. It consisted of a mixture of beans, flour and salt. 2.6 parts per million of lead were found to be present. This is slightly in excess of the 2 parts (maximum) permitted by the Lead in Food Regulations, 1961. 7 other samples taken during the year were satisfactory.

### **AFLATOXIN**

Aflatoxin is a toxic factor found in certain nuts as the result of the growth of a strain of the common mould *Aspergillus Flavus*.

56 samples of nuts consisting of Groundnuts 32, Brazil nuts 20, Hazelnuts 3 and Cashew nuts 1 were examined for its presence. It was found in the following 5 samples :—

Groundnuts (3), 0.25 ppm (high), 0.05 ppm (medium), 0.25 ppm (high). Brazil Nuts (2), 1.00 ppm (very high), 0.5 ppm (high).

### **FOOD COMPOSITION**

Where considered desirable the Port Analyst checks the composition and labelling of articles submitted. In the event of an irregularity the enforcement officer's role is at present only advisory.

Chicken Breast in Jelly—This article was in a retail pack. Only 73 per cent of chicken was present as compared with the 80% (minimum) required by the Canned Meat Product Regulations, 1967. The other 8 chicken products examined—various forms of chicken in each case canned with jelly—contained 80-86 per cent of chicken.

2 Vinegars—Described respectively as sweetened and white contained only 0.8 and 1.8 per cent of acid, as acetic acid. In my opinion not less than 4 per cent should have been present in each case.

### **FOOD LABELLING**

A considerable number of samples receiving adverse reports were from consignments to be used in wholesale, manufacturing and restaurant trade. This should minimise the seriousness of many, but certainly not all of the labelling irregularities. On general grounds it is considered that all should be rectified.



## DESCRIPTIONS

The description of foreign 'delicacies' has presented a problem during the year. It has been considered necessary to accept the adjectives "pickled" and "preserved" when obviously they were not being used with their typical English meaning.

Superimposed has been the problem of the exclusive use of a foreign language for the descriptive material. German, Danish, Hungarian and Oriental script are among the languages noted. Occasionally a pictorial representation of contents on the label was helpful in deciding the nature of the article.

The descriptions of the following articles were not given in English—Preserved lemon, Ginger, Goulash, Milk condensed canned, Saus Gyulai Kocbasz (continental type sausage), Pickled beetroot.

3 article were described as 'Fresh Orange,' 'Fresh Pineapple' and 'Fresh Grape' respectively and were not fruit juices but dilutions prepared from the respective fruit juices, consequently the word "Drink" should have been present on their labels.

## DECLARATION OF INGREDIENTS

Sometimes the required declaration of ingredients was in a foreign language (6 of the above and in addition Strudel, apple, Vegetables canned—lotus root) and sometimes omitted (Pickled peaches, Shrimp noodles, Preserved plums, Preserved lemon).

## CLAIMS

Molasses, apple—It was claimed that the article contained 7 milligrammes per ounce of Iron whereas only 1.3 milligrammes were found.

## NETT WEIGHTS

1 sample submitted omitted a weight declaration. A further 7 samples were found to be deficient in weight. The following list indicates the amounts.

				<i>Weight</i>	
				<i>claimed</i>	<i>found</i>
Pickled peaches	.....	.....	.....	16 ozs.	14.1
Pickled peaches	.....	.....	.....	454G.	405
Preserved lemon	.....	.....	.....	no declaration	
Pickled ginger	.....	.....	.....	454G.	408
Fried rice with beef	.....	.....	.....	340G.	280
Sauce, oyster flavoured	.....	.....	.....	8 ozs.	7.1
Sweets, coconut candies	.....	.....	.....	227G.	191
Vegetables canned, white lotus nut				567G.	499

## FOODSTUFFS, ETC.

<i>Article</i>	<i>Total</i>	<i>Unsatisfactory</i>
Apples .....	1	—
Beans, various .....	2	—
Bean curd .....	8	1
Brazil Nuts .....	20	2
Butter .....	4	—
Cashew Nuts .....	1	—
Cheese and products .....	10	—
Chewing including bubble gum .....	3	—
Chicken products .....	9	1
Chocolates .....	2	—
Chutney .....	1	—
Coconut, desiccated .....	34	—
Corned beef and products .....	2	—
Cranberry jelly .....	1	—
Drinks (fruit based) .....	3	3
Emulsifying agent .....	2	—
Fish in jar (herring) .....	1	—
„ in brine (shrimps) .....	1	—
„ with vegetables (tuna) .....	1	—
„ canned, various .....	13	—
Fruit, canned .....	5	—
„ dried..... .....	7	1
„ juice .....	7	—
„ spiced .....	6	4
Ghee .....	1	—
Ghee substitute .....	1	—
Ginger products .....	3	2
Goulash .....	2	2
Groundnuts .....	32	3
Hazelnuts .....	4	—
Honey .....	2	—
Lard .....	1	—
Luncheon Meat .....	2	—
Maize fried .....	1	—
Margarine .....	1	—
Marmalade .....	1	—
Milk, canned .....	1	1
Minerals .....	2	—
Miscellaneous—Sausage .....	1	1
Molasses .....	1	1
Mustard oil .....	1	—
„ plant, picked .....	1	—
„ preserved .....	2	—
Noodles, etc. ....	3	1
Onions .....	2	—
„ dried..... .....	1	—
Oranges .....	3	—



<i>Article</i>	<i>Total</i>	<i>Unsatisfactory</i>
Peel, cut mixed .....	1	—
Pickles, various .....	2	1
Pork and products .....	1	—
Potato crisps .....	1	—
Powder, white (maize starch) .....	1	—
Radish, preserved .....	2	—
Rice and products .....	4	1
Rusks .....	1	—
Sacking .....	1	—
Sauces etc. ....	14	1
Sauce mix .....	1	—
Sausages miscellaneous .....	5	—
Soft Drink Powder .....	1	—
Spices .....	3	—
Spread, miscellaneous .....	1	—
Starches prepared (wheat starch) .....	1	—
Starch, slices, fish flavoured .....	3	—
Strudel .....	1	1
Sweets .....	13	2
Tea .....	1	—
Tea dust .....	1	—
Tomatoes, canned .....	2	—
„ paste etc. ....	4	1
Tongue and products .....	1	—
Turnip .....	1	—
Vegetables in brine (cauliflower) .....	1	1
Vegetables, canned .....	12	2
„ dried .....	1	—
„ paste .....	1	—
„ roll .....	1	—
Vinegars, various .....	2	2
Vitamin C .....	1	—
Wine .....	1	—
Yeast extract .....	1	—
Cottrell Waste .....	1	—
DRUGS .....		
Powder, borax .....	1	—
	<hr/> 303	<hr/> 35

Action taken as a result of unsatisfactory reports :—

(a) **HULL**

*Goulash, Polish Sausage, Oyster Flavoured Slices, White Lotus Nuts, Lotus Root, Coconut Candies, Shrimp Noodles, Preserved Plum, Pickled Ginger, Ginger, Preserved Lemon, White Vinegar, Brazil Nuts, Apricot Halves, Orange Fresh, Pineapple Fresh,*

*Grape Fresh, Beef Fried Rice, Pickled Peaches, Sweets (Imperial Mint Flavour), Apple Strudel, Pickled Bestroot, Canned Milk and Molasses*—In all instances the attention of the importer was drawn to the circumstances.

*Ground Nuts*—The consignment was exported to the Continent.

*Tomato Puree*—Released on an undertaking being given that the puree would be used in the manufacture of pet food.

*Cauliflowers in brine*—The cauliflowers were released upon receipt of a document from the importers giving a description and quantity of the preservative present.

(b) **GOOLE**

*Chicken Breast in Jelly*—The attention of the importer and of the Food and Drugs Authority of the district to which the consignment was being forwarded was drawn to the circumstances.

*Cottrell Waste*—During the year a complaint was received from a docker regarding a cargo of cottrell waste on a vessel at Goole.

He had previously worked on a ship carrying a similar cargo and on that occasion had worn protective clothing, including goggles and a face mask.

The matter was referred by the Deputy Port Medical Officer of Health at Goole to H.M. Inspector of Factories who requested that a sample of the waste be taken for chemical analysis, the result of which showed a lead content of 20%.

When the discharge of the vessel commenced the cargo was kept well damped and the men concerned when working in the hold were provided with gloves and masks.

## BACTERIOLOGICAL EXAMINATIONS

During the year 92 samples of foodstuffs were submitted to the Director of the Public Health Laboratory Service for bacteriological examination, with the following results :—

### (a) HULL

<i>Nature of Sample</i>	<i>No.</i>	<i>Result</i>
Desiccated Coconut .....	25	Satisfactory
Prawns .....	5	„
Prawns .....	1	Parahaemolytica isolated- none pathogenic
Mussels in brine .....	1	Satisfactory
Langoustines .....	1	„
Dressed Crab .....	1	„
Turkey Spread .....	1	„
Grapefruit .....	1	„
Hen Egg Albumen .....	1	„
Shellfish .....	1	„
Salted Duck Egg .....	1	„
Frozen Shrimps .....	1	„
South West African Beef .....	47	5 samples Salmonella give isolated ; 2 samples Salmo- nella (not identified at time) ; remainder satisfactory.
Stewed Steak .....	1	Satisfactory
Corned Beef .....	1	„

### Action taken on unsatisfactory reports :—

South West African Beef—The batches from which the unsatisfactory samples were taken were allowed to be landed, subject to sterilisation.

### (b) GOOLE

<i>Nature of Sample</i>	<i>No.</i>	<i>Result</i>
Cockles in Vinegar .....	2	Satisfactory
Mussels .....	1	„

**APPENDIX I****HULL****Summary of Inspection to Vessels, Foreign and Coastwise**

From					
Foreign	{	Steamships	.....	.....	62
		Motor Vessels	.....	.....	3,021
		Fishing Vessels	.....	.....	925
Coastwise	{	Steamships	.....	.....	1
		Motor Vessels	.....	.....	333
		Fishing Vessels	.....	.....	33
				——	4,375
GOOLE					
Foreign	{	Steamships	.....	.....	——
		Motor Vessels	.....	.....	1,154
Coastwise	{	Steamships	.....	.....	——
		Motor Vessels	.....	.....	321
				——	1,475
					5,850
Extra Visits			.....	.....	1,017
Total					6,867

**Summary of Inspections to Vessels, British and Foreign Owned****HULL**

Owners					
British	{	Steamships	.....	.....	37
		Motor Vessels	.....	.....	1,106
		Fishing Vessels	.....	.....	941
					—— 2,084
Foreign	{	Steamships	.....	.....	32
		Motor Vessels	.....	.....	2,242
		Fishing Vessels	.....	.....	17
					—— 2,291

**GOOLE**

Owners						
British	{	Steamships	.....	.....	.....	—
		Motor Vessels	.....	.....	.....	334
					—	334
Foreign	{	Steamships	.....	.....	.....	—
		Motor Vessels	.....	.....	.....	1,141
					—	1,141
					—	5,850
Extra Visits			.....	.....	.....	1,017
Total					.....	6,867



The nationalities and number of inspections are shown below :—

[illegible]

## APPENDIX II

### STATEMENT SHOWING THE NUMBER OF ADMISSIONS TO HOSPITALS

<i>Date of Admission</i> 1972	<i>Disease</i>	<i>Rating</i>	<i>Name of Vessel</i>	<i>Where from</i>
March 27th	Mumps	Seaman	m.v. " Norwind "	Rotterdam
May 29th	Pulmonary Tuberculosis	Deck Hand	m.v. " Clan Macnab "	Beira
August 8th	Upper Respiratory Infection	Engineer	m.v. " Langstedt "	Hamina
November 13th	Pulmonary Tuberculosis	Seaman	m.v. " Maihar "	Hamburg
December 3rd	Laryngotracheitis	Seaman	m.v. " Forestland "	Vancouver
December 15th	Influenza	Seaman	m.v. " Basalt "	Amsterdam

# APPENDIX III

## VESSELS REPORTED ON THEIR ARRIVAL AS HAVING, OR HAVING HAD, INFECTIOUS DISEASE ON BOARD

<i>Date 1972</i>	<i>Name of Vessel</i>	<i>Where from</i>	<i>Disease</i>	<i>No. of cases</i>	<i>Rating</i>	<i>How dealt with</i>
Jan. 17th	m.v. "Akstank"	Rotterdam	Influenza	1	A.B.	Treated on board by agent's doctor.
Mar. 27th	m.v. "Norwind"	Rotterdam	Mumps	1	Seaman	Admitted to the Castle Hill Hospital, Cottingham
May 9th	m.v. "Nordkyn"	Amsterdam	Infective hepatitis	1	Master	Proceeded home to Germany for treatment.
May 29th	m.v. "Clan Macnab"	Beira	Pulmonary Tuberculosis	1	Deck Hand	Admitted to the Castle Hill Hospital, Cottingham
Aug. 8th	m.v. "Langstedt"	Hamina	Upper Respiratory Infection	1	Engineer	Admitted to the Castle Hill Hospital, Cottingham
Aug. 24th	m.v. "Corstream"	Rotterdam	Gastro-enteritis	1	Fireman	Landed at Spurn and taken to hospital at Grimsby
Sept. 28th	m.v. "Norbrae"	Rotterdam	Rubella	1	Galley Boy	Paid off and returned home to Scunthorpe for treatment
Nov. 13th	m.v. "Maihar"	Hamburg	Pulmonary Tuberculosis	1	Seaman	Admitted to the Castle Hill Hospital, Cottingham
Dec. 3rd	m.v. "Forestland"	Vancouver	Laryngotracheitis	1	Seaman	Admitted to the Castle Hill Hospital, Cottingham
Dec. 15th	m.v. "Basalt"	Amsterdam	Influenza	2	Seamen	Admitted to the Castle Hill Hospital, Cottingham

## APPENDIX IV

Total number of ships inspected .....	5,850
Total number of ships with defects, including those due to dirt, vermin, etc. ....	125
(a) at HULL and TRENT WHARVES	
British owned .....	38
Foreign owned .....	48
(b) at GOOLE, SELBY and HOWDENDYKE	
British owned .....	14
Foreign owned .....	25

## (a) DEFECTS OF ORIGINAL CONSTRUCTION

## BRITISH

	<i>No. of defects</i>	<i>Remedied</i>
VENTILATION :—		
Unventilated cabins .....	4	nil
„ w.c. compartment .....	1	nil
„ washplace .....	1	nil
W.c./washplace improperly ventilated .....	1	nil
Total .....	7	nil

## FOREIGN

VENTILATION :—		
Unventilated w.c. compartments .....	17	1
„ w.c./washplace combined .....	15	nil
„ washplaces .....	10	nil
„ cabins .....	9	nil
„ messrooms .....	4	nil
„ galley-messrooms .....	2	nil
„ galleys .....	2	nil
„ shower compartment .....	1	nil
„ hospital .....	1	nil
„ w.c./shower compartment .....	1	nil
Total .....	62	1



## (b) STRUCTURAL DEFECTS THROUGH WEAR AND TEAR

## BRITISH

Defective and choked scuppers	.....	8	8
„ w.c.'s and fittings	.....	7	7
„ flooring	.....	8	8
„ water supply pipes	.....	5	3
„ waste pipes	.....	5	5
„ stoves and fittings	.....	4	3
„ lockers	.....	4	4
„ chairs	.....	3	3
„ drawers	.....	3	3
„ wash hand basins and fittings	.....	3	3
„ side ports and glasses	.....	2	nil
„ showers	.....	2	2
„ wall tiling	.....	2	2
„ tap	.....	1	1
„ calorifier	.....	1	1
„ boiler	.....	1	nil
„ settee	.....	1	1
„ sheathing	.....	1	1
„ companionway	.....	1	1
„ refrigerator	.....	1	nil
Total	.....	63	56

## FOREIGN

Defective w.c.'s and fittings	.....	7	5
„ flooring	.....	3	2
„ wash hand basins and fittings	.....	3	3
„ and choked scuppers	.....	2	2
„ waste pipe	.....	1	1
Total	.....	16	13

(c) **DIRT, VERMIN AND OTHER CONDITIONS PREJUDICIAL  
TO HEALTH**

BRITISH				<i>No. of defects</i>	<i>Remedied</i>
Dirty condition of cabins	.....	.....		6	6
„ „ lockers	.....	.....		6	6
„ „ washplaces	.....	.....		3	3
„ „ galleys	.....	.....		2	2
„ „ w.c. compartments	.....	.....		2	2
„ „ alleyways	.....	.....		2	2
„ „ messrooms	.....	.....		2	2
„ „ forecastle	.....	.....		1	1
„ „ refrigerator	.....	.....		1	1
„ „ pantry	.....	.....		1	1
Verminous condition of cabins	.....	.....		92	92
„ „ messrooms	.....	.....		19	19
„ „ galleys	.....	.....		13	13
„ „ storerooms	.....	.....		2	2
„ „ smokeroom	.....	.....		1	1
„ „ galley-messroom	.....	.....		1	1
„ „ pantry	.....	.....		1	1
„ „ recreation room	.....	.....		1	1
Galley requires painting	.....	.....		1	1
Fire damage to recreation room	.....	.....		1	1
„ „ cabins	.....	.....		2	2
Accumulation of water in cabins	.....	.....		2	2
„ „ „ washplace	.....	.....		1	1
Misappropriation of crew spaces :—					
Oilskin locker used as a storeroom	.....	.....		1	1
W.c. compartment „ „	.....	.....		1	1
Drying room „ „ „	.....	.....		1	1
Dirty clothes locker „ „	.....	.....		1	1
Mattress dirty and dilapidated	.....	.....		1	1
Total				168	168

## FOREIGN

	<i>No. of defects</i>	<i>Remedied</i>
Dirty condition of w.c. compartments	10	10
„ „ wash hand basins .....	4	4
„ „ washplaces .....	2	2
„ „ galley .....	1	1
„ „ w.c./washplace .....	1	nil
„ „ flooring .....	1	1
Verminous condition of cabins .....	40	40
„ „ messrooms .....	8	8
„ „ galleys .....	4	4
„ „ storeroom .....	1	1
„ „ pantry .....	1	1
Accumulation of rubbish in washplace	1	1
„ water in w.c. com- partment	1	1
„ „ pantry .....	1	1
„ „ cabin .....	1	1
„ „ shower com- partment	1	1
Total .....	78	77

**(d) DEFECTS ARISING FROM STRUCTURAL ALTERATIONS**

## BRITISH

## VENTILATION

	<i>No. of defects</i>	<i>Remedied</i>
Unventilated w.c. compartments .....	3	nil
„ washplaces .....	3	nil
„ galley .....	1	nil
„ messroom .....	1	nil
	8	nil

## FOREIGN

## VENTILATION

Unventilated cabins .....	18	nil
„ combined w.c.'s and washplaces .....	7	nil
„ w.c. compartments .....	5	nil
„ washplaces .....	3	nil
„ messrooms .....	3	nil
„ shower compartments .....	2	nil
„ hospital .....	1	nil
„ galley-messroom .....	1	nil

## WATER CLOSETS

W.C.'s without water supply .....	2	nil
	42	nil

## APPENDIX V

### POWERS

The Principal Acts of Parliament and the Regulations made there-under affecting the work of the Authority are :—

#### Administration

Hull and Goole Port Orders 1887-1938.  
Local Government Act 1933.  
Public Health Acts 1936 and 1961.  
Public Health Officers (Port Health Districts) Regulations 1959.

#### Aliens

Aliens Order, 1953—Instructions to Medical Inspectors 1955.  
Commonwealth Immigrants Acts 1962 and 1968.

#### Canal Boats

Canal Boats Regulations 1878-1931.  
Public Health Act 1936.

#### Crew Accommodation

Public Health Acts 1936 and 1961.

#### Dangerous Drugs

Dangerous Drugs (No. 2) Regulations 1964.

#### Food Inspection

Public Health (Imported Milk) Regulations 1926.  
Food and Drugs Act 1955.  
Food Hygiene (General) Regulations, 1970.  
Food Hygiene (Docks, Carriers, etc.) Regulations 1960.  
Colouring Matter in Food Regulations 1966.  
Arsenic in Food Regulations 1959-60.  
Fluorine in Food Regulations 1959.  
Lead in Food Regulations 1961.  
Emulsifiers and Stabilisers in Food Regulations 1962.  
Preservatives in Food Regulations 1962.  
Liquid Egg (Pasteurisation) Regulations 1963.  
Mineral Hydrocarbons in Food Regulations 1966.  
Bread and Flour Regulations 1963.  
Ice Cream (Heat Treatment, etc.) Regulations 1959-63.  
Antioxidant in Food Regulations 1966.  
Food (Control of Irradiation) Regulations 1967-72.



Solvents in Food Regulations 1967.  
 Imported Food Regulations 1968  
 Artificial Sweeteners in Food Regulations 1969.  
 Meat (Sterilization) Regulations 1969.  
 Colouring Matter in Food (Amendment) Regulations 1970.  
 Emulsifiers and Stabilisers in Food (Amendment) Regulations 1970.  
 Preservatives in Food (Amendment) Regulations 1971.  
 Lead in Food (Amendment) Regulations 1972.

### **Infectious Diseases**

Public Health Acts 1936 and 1961.  
 Public Health (Ships) Regulations 1970.  
 Public Health (Infectious Diseases) Regulations 1968.

### **Rodent Control**

Prevention of Damage by Pests Act 1949.  
 Public Health (Ships) Regulations 1970  
 Hydrogen Cyanide (Fumigation of Ships) Regulations 1951.  
 Prevention of Damage by Pests (Application to Shipping) Order 1951.  
 Prevention of Damage by Pests (Application to Shipping) (Amendment No. 2) Order 1956.  
 The Poisons (Fluoroacetamide and Fluoroacetanilide) Rules 1964.  
 Poisons (No. 2) Rules 1971.

### **Smoke Abatement**

Clean Air Act 1956.  
 Dark Smoke (Permitted Periods) (Vessels) Regulations 1958.





